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 Analytical Laboratory and Environmental Services
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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 09/10/18 Page 1 of 2

Client: Lake Sinissippi Improvement District
 Attn: Dave Behl
 PO Box 89
 Hustisford, WI 53034

NLS Project: 306941

NLS Customer: 107350

Phone: 815 219 9270

PO # 16-777

Project: 16-777

Hwy S Bridge NLS ID: 1077300

COC: 212354:1 Matrix: SW
 Collected: 08/30/18 00:00 Received: 08/31/18

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	<4	mg/L	1			08/31/18	5210 B-2001	721026460
A "less than" result is given due to WDNR theoretically calculated Reporting Limit (RL).								
Nitrogen, ammonia as N (unfiltered)	0.19	mg/L	1	0.027	0.090	09/05/18	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.42	mg/L	1	0.025	0.075	09/04/18	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	1.9	mg/L	1	0.10	0.33	09/05/18	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.30	mg/L	2	0.014*		09/07/18	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	38	mg/L	1	1.0*		09/04/18	2540 D-1997	721026460

Hustisford Dam NLS ID: 1077301

COC: 212354:2 Matrix: SW
 Collected: 08/30/18 00:00 Received: 08/31/18

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	8.3	mg/L	1			08/31/18	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.40	mg/L	1	0.027	0.090	09/05/18	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.19	mg/L	1	0.025	0.075	09/04/18	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	3.7	mg/L	1	0.10	0.33	09/05/18	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.36	mg/L	2	0.014*		09/07/18	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	76	mg/L	1	1.0*		09/04/18	2540 D-1997	721026460

Dead Creek NLS ID: 1077302

COC: 212354:3 Matrix: SW
 Collected: 08/30/18 00:00 Received: 08/31/18

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	<3	mg/L	1			08/31/18	5210 B-2001	721026460
A "less than" result is given due to under-depletion in all sample dilutions.								
Nitrogen, ammonia as N (unfiltered)	0.19	mg/L	1	0.027	0.090	09/05/18	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.65	mg/L	1	0.025	0.075	09/04/18	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	1.5	mg/L	1	0.10	0.33	09/05/18	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.56	mg/L	2	0.014*		09/07/18	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	42	mg/L	1	1.0*		09/04/18	2540 D-1997	721026460

Hwy S Springs NLS ID: 1077303

COC: 212354:4 Matrix: SW
 Collected: 08/30/18 00:00 Received: 08/31/18

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	<2	mg/L	1			08/31/18	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.48	mg/L	1	0.027	0.090	09/05/18	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	2.7	mg/L	1	0.025	0.075	09/04/18	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	1.6	mg/L	1	0.10	0.33	09/05/18	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.60	mg/L	2	0.014*		09/07/18	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	70	mg/L	1	1.0*		09/04/18	2540 D-1997	721026460